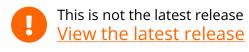


Home > Statistics > Labour > Employment and unemployment > Labour Force, Australia > April 2020



# Labour Force, Australia

Headline estimates of employment, unemployment, underemployment, participation and hours worked from the monthly Labour Force Survey

Reference period April 2020

Released 14/05/2020

#### On this page

**Key statistics** 

COVID-19 impacts and changes

**Unemployment** 

**Employment** 

Hours worked

**Participation** 

<u>Underemployment</u>

States and territories

Rotation group analysis

Data downloads

**Article archive** 

<u>Methodology</u>

**Articles** 

# **Key statistics**

Seasonally adjusted estimates for April 2020:

- Unemployment rate increased to 6.2%.
- Participation rate decreased to 63.5%.
- Employment decreased to 12,418,700.
- Employment to population ratio decreased to 59.6%.

- Underemployment rate increased to 13.7%.
- Monthly hours worked decreased to 1,626 million hours.

		Mar 20	Apr 20	Monthly change	Yearly change
Seasonally adjusted					
	Employed people	13,013,000	12,418,700	-594,300	-3.1%
	Unemployed people	718,800	823,300	104,500	16.7%
	Unemployment rate	5.2%	6.2%	1.0 pts	1.0 pts
	Underemployment rate	8.8%	13.7%	4.9 pts	5.2 pts
	Participation rate	66.0%	63.5%	-2.4 pts	-2.3 pts
	Monthly hours worked in all jobs	1,790 million	1,626 million	-164 million	-8.0%

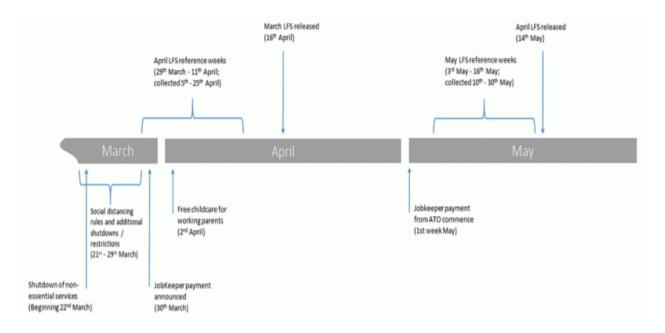
Estimates of changes are calculated using un-rounded level estimates, and may be different from, but are more accurate than, movements obtained from the rounded level estimates.

# **COVID-19 impacts and changes**

# Major impacts on the labour market

From 22 March 2020, Australia saw the progressive introduction of major social distancing and other business-related restrictions to slow the spread of COVID-19. Also, government support packages were announced, including changes to the mutual obligations of the JobSeeker program (announced on 24 March), and the temporary suspension of the requirement for people to actively look for work, and the JobKeeper wage subsidy (announced on 30 March).

Given the Labour Force Survey reference periods (that is, the weeks the data relates to) fall at the start of each month, the March and April estimates reflect this period of significant change in the labour market. The large month-to-month movements in April reflect a combination of the effects of the restrictions and also the effects of government, business and individual responses.



In addition to the standard commentary, the ABS has included an expanded suite of articles in to assist in the interpretation of the major changes in key labour market indicators in April.

# Suspension of trend series and changes to seasonal adjustment

#### Time series and sudden changes in the labour market

Trend and seasonally adjusted Labour Force Survey estimates are important for understanding the current state of the labour market, and providing medium and long-term signals.

However, unusual, sudden and/or extreme changes in the labour market (e.g. changes to regular and seasonal patterns in employment, working hours, job search or availability as a result of COVID-19) can be difficult to account for in the short-term in both seasonal adjustment and trend estimation processes.

#### Suspension of trend estimates

The Labour Force trend series have been suspended from April 2020, until more certainty emerges in the underlying trend in labour market activity over the COVID-19 period. This is in recognition of the time series shocks in the labour market between the March 2020 and April 2020 data points. While trend estimates are generally the best measure of the underlying behaviour of the labour market, any large changes in the labour market as a result of COVID-19 will likely make it difficult to estimate a reliable short-term indicator of the trend.

Existing spreadsheets containing trend, seasonally adjusted and original data will continue to be published in the same format, however trend columns will be populated with 'nca'.

For the NT and ACT, seasonally adjusted data will be published in separate spreadsheets for the duration of time that the trend series are suspended.

#### Changes in the seasonal adjustment process

During the COVID-19 period the ABS will use forward seasonal factors to produce seasonally adjusted estimates, rather than the standard concurrent seasonal factors method. The forward factors approach is better suited to managing large movements at the end point of series and will ensure that large movements do not have a disproportionate influence on the seasonal factors.

For a more detailed discussion on the implications of unusual events on time series, see When it's not "business-as-usual": Implications for ABS Time Series (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/1350.0Feature%20Article1Aug%202009?opendocument&tabname=Summary&prodno=1350.0&issue=Aug%202009&num=&view=).

#### **Future changes**

Once further data are available, trend and/or seasonal breaks may be estimated and applied to improve published labour force time series estimates.

The ABS will also provide regular updates on the status of trend and seasonally adjusted estimates, with a view to returning to concurrent seasonal factors at the most appropriate point.

# Net Overseas Migration revisions in LFS benchmarks

To ensure the ongoing production of fit for purpose official statistics through the COVID-19 pandemic, the ABS has been assessing the likely impact of changed traveller behaviour on preliminary Net Overseas Migration (NOM) estimates. These NOM estimates feed into Australia's official population estimates and, in turn, the Labour Force Survey (LFS) benchmarks.

The ABS uses the <u>'12/16 month rule' (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Latestproducts/3101.0Glossary1Sep%202019?</u>

opendocument&tabname=Notes&prodno=3101.0&issue=Sep%202019&num=&view=)

when measuring NOM, with estimates first published as preliminary, and then revised after 12 months. To estimate preliminary NOM, a propensity model is used based on the

likelihood a traveller will remain in Australia for the next 12 out of 16 months. After 16 months, when the outcome is known, NOM can be finalised (reflected as revisions within the Estimated Resident Population (ERP)).

Historically, the model which underpins preliminary NOM performs well and these revisions are generally small. This model draws on the behaviour of travellers with similar characteristics from 12 month previously, which is usually a strong predictor of the outcomes of those arriving in the same month of the following year. The same process applies to departures.

However, due to the disruptions caused by COVID-19, the relationship between traveller behaviour in 2020 and that of 12 months ago is unlikely to hold, potentially leading to larger revisions. As a result, preliminary NOM data will now be revised every quarter, instead of the current approach of revising once after four quarters.

These more frequent revisions will ensure the most timely and accurate data are fed into ERP, and into LFS benchmarks.

This new approach to revisions will be implemented into:

- NOM and ERP in respect of the December quarter 2019 due for release in Australian Demographic Statistics on 18 June 2020; and
- labour force estimates (as part of the quarterly rebenchmarking process) in respect of May 2020 onwards due for release in Labour Force, Australia on 18 June 2020.

This quarterly approach to NOM revisions will be reviewed after four quarters.

# Labour Force Survey response

Labour Force Survey response remained high in April, with the small decline in response of less than 1,000 households largely concentrated within the incoming rotation group. Given the decrease in that group, the ABS made the decision to reduce the influence of the incoming rotation group this month, an approach last used for an incoming rotation group in Queensland, in September 2016. For more information, please refer to Rotation group analysis (https://beta.abs.gov.au/statistics/labour/employment-and-unemployment/labour-force-australia/apr-2020#rotation-group-analysis-101095).

# Treatment of people on JobKeeper, JobSeeker or stood down

People paid through the JobKeeper wage subsidy, in receipt of JobSeeker payments, or stood down by their employer are classified as follows in the Labour Force Survey. This

#### approach:

- is consistent with the long-standing concepts and practices used in the Labour Force Survey; and
- has not resulted in any changes to the <u>Labour Force Survey questionnaire</u> (https://beta.abs.gov.au/methodologies/labour-force-australia-methodology/apr-2020#data-download).

The ABS will update this information if new scenarios emerge or the conditions of existing scenarios change over the course of the COVID-19 pandemic.

#### 1. People paid through the JobKeeper wage subsidy: employed

The ABS expects that people who are paid through the JobKeeper scheme will answer the questions in a way that results in them being classified as employed, regardless of the hours they work (e.g. even if they are stood down). People paid through JobKeeper may work less hours, the same hours, or more hours, than usual.

Under the JobKeeper program, eligible businesses and not-for-profit organisations affected by COVID-19 can elect to receive a subsidy to support their employment of eligible employees. Some self-employed people are also eligible to receive the JobKeeper payment.

Employers will pay these employees a wage, within their existing employment relationship, supporting an ongoing attachment to a job.

People stood down without pay from late March through to early May were away from their job for four weeks or more and therefore were no longer considered employed in May. This explains part of the further fall in employment in May.

# 2. People in receipt of the JobSeeker payment: it depends on their labour market activity

People who receive the JobSeeker or other similar government payments are not automatically classified as unemployed (just as those classified as unemployed will not necessarily be in receipt of a government payment) and how they are categorised depends on how they answer questions around labour market activity.

The JobSeeker payment is paid to people who are looking for work or are sick or injured and cannot undertake their usual work or study for a short time, and who meet the eligibility requirements. People can also receive the JobSeeker payment if they have a job, if they meet a low income test.

Recent changes to the JobSeeker program related to COVID-19 also meant that recipients did not have to meet the usual mutual obligation requirements, such as looking for work.

Some of these obligations are gradually being reinstated from June onwards, and changes may lead to increases in active job search and an increase in the number of people classified as unemployed in future months.

To be classified as unemployed in Labour Force statistics, a person must:

- have actively looked for full-time or part-time work in the last four weeks; and
- be available for work in the reference week.

People who were waiting to start a new job within four weeks from the end of the reference week and could have started in the reference week if the job had been available then are also classified as unemployed.

# 3. People not working any hours, including those who were stood down: it depends on their job attachment and pay, and potentially other labour market activity

A person will be classified as employed if they:

- had taken any kind of paid leave;
- were away from their job for any reason (e.g. they were stood down), and were paid for some part of the previous 4 weeks (which could include wages subsidised through the JobKeeper scheme); or
- were away from their job for four weeks or less for any reason, without pay, but believe they still have a job to go back to (e.g. they were stood down, with no pay).

If a person is away from their job for four weeks or more without pay, or they believe they no longer have a job to be absent from, they will be classified as:

- unemployed if they have actively looked for work, and are available to start work; or
- not in the labour force if they have not looked for work and/or are not available to start work.

There will be a range of ways in which people will have been stood down without work as a result of COVID-19. Some may be stood down with pay, some through paid leave (e.g. long service leave, annual leave, etc) and some without pay. Some people will perceive that they still have a job (but just no hours at the moment), while others will consider they have lost their job.

These differences are effectively captured using Labour Force Survey questions, which support the ABS to effectively categorise people and produce key measures of the labour market.

#### **Articles**

This months Labour Force release includes the following articles:

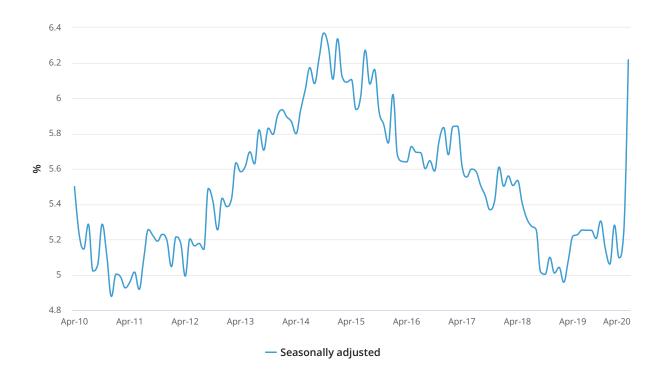
- People who lost a job or were stood down: flows analysis (/articles/people-who-lost-job-or-were-stood-down-flows-analysis-april-2020)
- Insights into hours worked (/articles/insights-hours-worked-april-2020)
- Employment and unemployment: An international perspective (/articles/employment-and-unemployment-international-perspective-april-2020)
- <u>Understanding differences between Labour Force employment statistics and Weekly Payroll Jobs (/articles/understanding-differences-between-labour-force-employment-statistics-and-weekly-payroll-jobs)</u>

# Unemployment

In seasonally adjusted terms, in April 2020:

- the unemployment rate increased by 1.0 pts to 6.2% (1.0 pts higher than a year ago)
- unemployed people increased by 104,500 to 823,300 (and increased by 117,700 over the year to April 2020)
- the youth unemployment rate increased by 2.2 pts to 13.8% (and increased 1.9 pts over the year to April 2020)

#### **Unemployment rate**



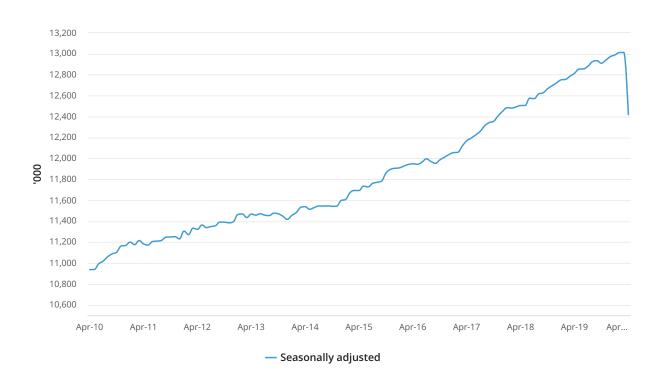
# **Employment**

In seasonally adjusted terms, in April 2020:

- employment decreased by 594,300 (-4.6%) to 12,418,700 people
- over the year to April 2020, employment decreased by 3.1% or 395,100 people

Underpinning these net changes in employment is extensive change which occurs in the labour market. In recent months there has generally been considerably more than 300,000 people entering employment, and more than 300,000 leaving employment each month. There are also changes in the hours that people work, which can have an impact on the full-time and part-time composition of employment.

#### **Employed persons**



#### Full-time and part-time employment

In seasonally adjusted terms, in April 2020:

- full-time employment decreased by 220,500 to 8,656,900 people, and part-time employment decreased 373,800 to 3,761,800 people
- over the year to April 2020, full-time employment decreased by 123,000 people and parttime employment decreased by 272,000 people

This change led to a decrease in the part-time share of employment over the past 12 months, from 31.5% to 30.3%.

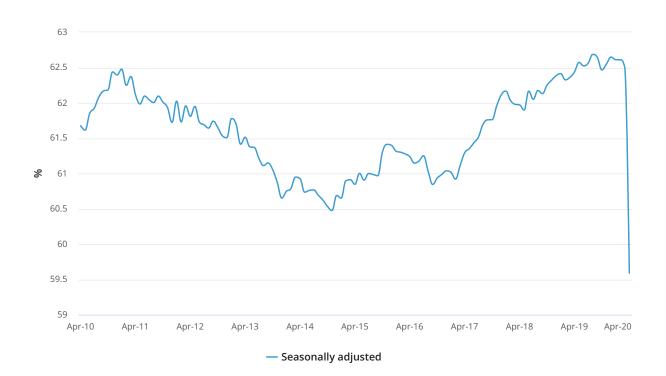
#### **Employment to population ratio**

In seasonally adjusted terms, in April 2020:

• the employment to population ratio decreased by 2.9 pts to 59.6%, and decreased by 2.8 pts from the same time last year

The employment to population ratio provides a measure of the change in employment relative to changes in the size of the population.

# Employment to population ratio

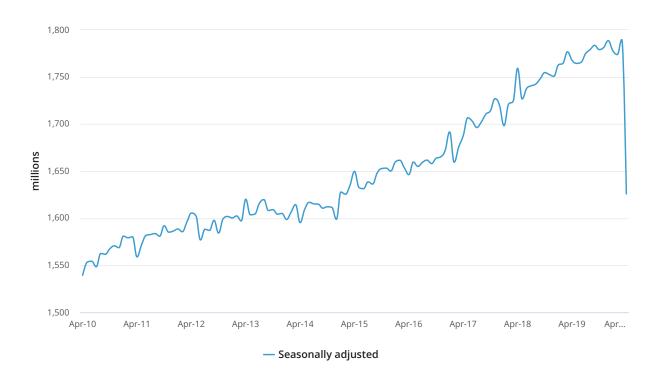


#### Hours worked

In seasonally adjusted terms, in April 2020, monthly hours worked in all jobs:

- decreased by 163.9 million hours (-9.2%) to 1,625.8 million hours
- decreased by 8% over the year, which is higher than the 3.1% decrease in employed people

#### Monthly hours worked in all jobs



# **Participation**

In seasonally adjusted terms, in April 2020, the participation rate:

- decreased by 2.4 pts to 63.5%, and decreased 2.3 pts over the year to April 2020
- decreased by 1.9 pts for men (68.9%) and decreased by 2.9 pts for women (58.4%)
- decreased by 2.7 pts to 76.0% for 15 to 64 year olds (the working age population). For 15 to 64 year old men, it was 81.1% and for 15 to 64 year old women it was 71.0%
- decreased 5.6 pts to 62.9% for 15 to 24 year olds

# Participation rate

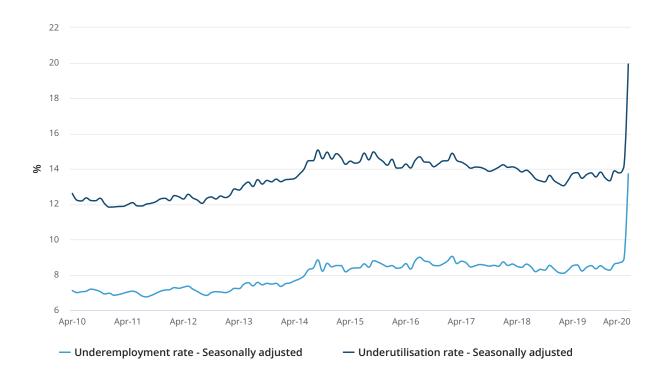


# Underemployment

In seasonally adjusted terms, in April 2020:

- the underemployment rate increased by 4.9 pts to 13.7% (5.2 pts higher than a year ago)
- the underutilisation rate increased 5.9 pts to 19.9%

# Underemployment rate and underutilisation rate



# States and territories

April 2020, Seasonally adjusted estimates

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory
Employed persons	3,916,200	3,327,200	2,432,400	818,700	1,307,900	249,300	131,100
Employed persons - monthly change	-5.4%	-3.7%	-5.1%	-4.8%	-4.6%	-3.4%	-3.2%
Employment to population ratio	58.9%	60.6%	58.6%	56.1%	61.3%	56.1%	70.0%
Employment to population ratio - monthly change	-3.4 pts	-2.4 pts	-3.2 pts	-2.8 pts	-3.0 pts	-2.0 pts	-2.4 pts
Unemployment rate	6.0%	6.0%	6.8%	7.2%	6.0%	6.2%	6.5%
Unemployment rate - monthly change	1.1 pts	0.8 pts	1.2 pts	0.9 pts	0.6 pts	1.3 pts	1.2 pts
Underemployment rate	13.2%	14.1%	13.1%	15.7%	14.6%	16.8%	10.6%

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Au Territory
Underemployment rate - monthly change	4.6 pts	5.7 pts	4.0 pts	5.2 pts	4.9 pts	4.7 pts	4.7 pts
Participation rate	62.6%	64.5%	62.9%	60.4%	65.2%	59.8%	74.8%
Participation rate - monthly change	-2 8 nts	-2.0 pts	-2.6 pts	-2.5 pts	-2.8 pts	-1.3 pts	-1.5 pts

# Rotation group analysis

# Sample composition and rotation

The Labour Force Survey sample can be thought of as comprising eight sub-samples (rotation groups), with each sub-sample remaining in the survey for eight months, and one group "rotating out" each month and being replaced by a new group "rotating in". As seven-eighths of the sample are common from one month to the next, changes in the estimates reflect real changes in the labour market, rather than changes in the sample. The replacement sample is generally selected from the same geographic areas as the outgoing one, as part of a representative sampling approach.

The sample comprises three components:

- the matched common sample (people who responded in both the current month and previous month)
- the unmatched common sample (people who responded in the current month but who did not respond in the previous month, or vice versa)
- the incoming rotation group (replacing people who rotated out)

The matched common sample describes the change observed for the same respondents in the current and previous month, while the other two components reflect differences between the aggregate labour force status of different groups of people.

While the rotation groups are designed to be representative of the population, the outgoing and incoming rotation groups will almost always have somewhat different characteristics, as they reflect different households and people. The design of the survey, including the weighting and estimation processes, ensures that these differences are generally relatively minor and do not affect the representativeness of the survey estimates. Monthly estimates are designed to be representative, regardless of the relative contribution of the three components of the sample.

The contributions of the three sample components to the original estimates of employed, unemployed and not in the labour force are in the spreadsheet 'Contribution from sample

# COVID-19 and the incoming rotation group in April

The ABS has been actively managing the potential risks from COVID-19 for data collection. Face-to-face interviews were suspended in the third survey collection week in March and no face-to-face interviews were conducted in April. Prior to COVID-19, around 90% of responses to the Labour Force Survey were provided through telephone interviews or online, leaving around 10% involving face-to-face interviews.

During March and April, the ABS implemented additional initiatives to support households responding by telephone or online. Nevertheless, with the suspending of face-to-face interviews, there was a small fall in response between March and April (a fall of less than 1,000 fully responding households). Around 600 of this fall was in the incoming rotation group in the sample, with the common sample (the other seven rotation groups) relatively unchanged.

Given the fall in response in the incoming rotation group, the ABS decided to reduce the influence of the incoming rotation group, as part of the standard survey estimation methods. This followed an approach last used for an incoming rotation group in Queensland, in September 2016. The ABS will undertake further analysis of the April incoming rotation group and its responses for April and May, and also undertake analysis of the May incoming rotation group, to determine whether any additional estimation enhancements are needed for these groups, to be implemented in the May 2020 Labour Force release.

In the meantime, users of the GM1 data cube should exercise caution in interpreting incoming and outgoing rotation group changes. The ABS recommends using common sample share analysis for March-April in making comparisons with data for previous periods.

# Outgoing rotation group

The outgoing rotation group in April 2020, that will be replaced by a new incoming rotation group in May 2020, had:

- the same employment to population ratio in April 2020 (59.7%) as the sample as a whole
- a higher full-time employment to population ratio in April 2020 (41.6%) than the sample as a whole (41.4%)
- a lower unemployment rate in April 2020 (5.9%) than the sample as a whole (6.3%)

• a lower participation rate in April 2020 (63.4%) than the sample as a whole (63.7%)

#### The importance of seasonally adjusted data

The gross flows and rotation group data are in original terms only, and are included to provide additional information on the month-to-month movements. They have a considerable level of inherent sampling variability, which is specifically adjusted for in the seasonally adjusted series.

#### Contribution from sample components to estimates

[98.5 KB]

#### Data downloads

#### **Labour Force status**

Table 1. Labour force status by Sex, Australia - Trend, Seasonally adjusted and Original

Table 4. Labour force status by Sex, New South Wales - Trend, Seasonally adjusted and Original

<u>**Download XLS**</u>
[4.18 MB]

Table 5. Labour force status by Sex, Victoria - Trend, Seasonally adjusted and Original

**Download XLS**[4.19 MB]

Table 6. Labour force status by Sex, Queensland - Trend, Seasonally adjusted and Original

<u> → Download XLS</u>
[4.21 MB]

Table 7. Labour force status by Sex, South Australia - Trend, Seasonally adjusted and Original

<u>**Download XLS**</u>
[4.22 MB]

Table 8. Labour force status by Sex, Western Australia - Trend, Seasonally adjusted and Original

**↓ Download** XLS

[4.22 MB]

Table 9. Labour force status by Sex, Tasmania - Trend, Seasonally adjusted and Original

**↓ Download** XLS

[4.42 MB]

Table 10. Labour force status by Sex, Northern Territory - Trend and Original

**<u> → Download XLS</u>** 

[5.05 MB]

Table 10a. Labour force status by Sex, Northern Territory - Seasonally adjusted

**<u> → Download XLS</u>** 

[254 KB]

Table 11. Labour force status by Sex, Australian Capital Territory - Trend and Original

**<u> → Download XLS</u>** 

[4.37 MB]

Table 11a. Labour force status by Sex, Australian Capital Territory - Seasonally adjusted

[254 KB]

Table 12. Labour force status by Sex, State and Territory - Trend, Seasonally adjusted and Original

**<u> ▶ Download XLS</u>** 

[41.32 MB]

Table 12a. Labour force status by Sex, Territory - Seasonally adjusted

**<u> → Download XLS</u>** 

[<u>458 KB</u>]

Table 13. Labour force status for 15-24 year olds by Sex - Trend, Seasonally adjusted and Original

**<u> → Download XLS</u>** 

[<u>6.82 MB</u>]

Table 15. Labour force status for 15-24 year olds by Educational attendance (full-time) and Sex

**<u> → Download XLS</u>** 

[1.56 MB]

Table 16. Labour force status for 15-24 year olds by State, Territory and Educational attendance (full-time)

**<u>→ Download XLS</u>** [8.34 MB]

Table 17. Labour force status for 15-19 year olds by Sex - Trend, Seasonally adjusted and Original

**Download** XLS [5.23 MB]

Table 18. Labour force status for 15-64 year olds by Sex - Trend, Seasonally adjusted and Original

**<u>Download XLS</u>** [6.82 MB]

#### Hours worked

Table 19. Monthly hours worked in all jobs by Employed full-time, part-time and Sex and by State and Territory - Trend and Seasonally adjusted

<u>**Download XLS**</u> [3.02 MB]

Table 19a. Monthly hours worked in all jobs by Employed full-time, part-time and Sex and Territory - Seasonally adjusted

<u>→ Download XLS</u>

[75 KB]

Table 21. Quarterly hours worked in all jobs by Market and Non-market sector - Seasonally adjusted

<u>**Download XLS**</u> [62.5 KB]

#### Underemployment and underutilisation

Table 22. Underutilised persons by Age and Sex - Trend, Seasonally adjusted and Original

<u>**Download XLS**</u> [45.29 MB]

Table 23. Underutilised persons by State and Territory and Sex - Trend, Seasonally adjusted and Original

<u>**Download XLS**</u> [61.29 MB]

#### Table 23a. Underutilised persons by Territory and Sex - Seasonally adjusted

#### **<u> → Download XLS</u>**

[690 KB]

Table 24. Underutilised persons by Age and Sex (expanded analytical series)

#### **▶ Download** XLS

[725.5 KB]

Table 25. Underutilised persons by State, Territory and Sex (expanded analytical series)

#### **↓ Download** XLS

[601.5 KB]

#### Flows into and out of employment

GM1 - Labour force status and Gross changes (flows) by Age, Sex, State and Territory, February 1991 onwards

**<u> → Download XLSX</u>** 

[97.03 MB]

#### All time series spreadsheets

#### All time series spreadsheets

**▶** Download ZIP

[40.81 MB]

#### Article archive

# Understanding the labour force

<u>Classifying people during the COVID-19 period (/articles/classifying-people-labour-force-survey-during-covid-19-period) (March 2020)</u>

Labour Force Explained (https://www.abs.gov.au/websitedbs/D3310114.nsf/home/labour+force+explained) (September 2017)

<u>Understanding the Australian labour force using ABS statistics (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features999Dec%202013)</u> (December 2013)

<u>Understanding full-time / part-time status in the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Sep%202013)</u>
(September 2013)

Employment level estimates versus employment to population ratio explained (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Jan%202012)

# **Employment and jobs**

People moving into or out of employment or unemployment every month (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features6Mar%202020?opendocument&tabname=Summary&prodno=6202.0&issue=Mar%202020&num=&view=) (March 2020)

How many people work one hour a week (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features3Jan%202019) (January 2019)

<u>Leave entitlements (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features6Nov%202015)</u> (November 2015)

<u>Duration of employment (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features7Nov%202015)</u> (November 2015)

<u>Sector of main job (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features10Nov%202015)</u> (November 2015)

<u>Estimating jobs in the Australian labour market (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features1100Feb%202013)</u> (February 2013)

Employment in mining in Queensland, New South Wales and Western Australia (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2May%202012) (May 2012)

# Unemployment and underemployment

<u>Underemployment in Australia (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features10September%202018)</u> (September 2018)

<u>Spotlight on underemployment (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features5Nov%202016)</u> (November 2016)

Measures of underemployment and underutilisation (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features5Nov%202015) (November 2015)

Full-time and part-time job search (https://www.abs.gov.au/AUSSTATS/abs@.nsf/ Previousproducts/6291.0.55.001Main%20Features6Nov%202015) (November 2015) Hours-based measures of unemployment and underemployment (https://www.abs.gov.au/ AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features8Nov%202015) (November 2015)

Retrenchment (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.003Main%20Features9Nov%202015) (November 2015)

<u>Did you know - Underemployment (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Jun%202013)</u> (June 2013)

Exploring labour force data on joblessness (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Feb%202012) (February 2012)

#### Hours worked

Reasons for working fewer hours (https://www.abs.gov.au/AUSSTATS/abs@.nsf/ Previousproducts/6291.0.55.001Main%20Features3Mar%202020? opendocument&tabname=Summary&prodno=6291.0.55.001&issue=Mar%202020&num=&view=) (March 2020)

Insights into hours worked (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features7Mar%202020?

opendocument&tabname=Summary&prodno=6202.0&issue=Mar%202020&num=&view=)
(March 2020)

Insights into detailed Labour Force Survey hours worked data (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6291.0.55.001Main%20Features3Feb%202020?

opendocument&tabname=Summary&prodno=6291.0.55.001&issue=Feb%202020&num=&view=) (February 2020)

Revisions to monthly hours worked in all jobs (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features5Jul%202016) (July 2016)

# Regional estimates

Advice on reporting regional labour force data (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6291.0.55.001Main%20Features4Dec%202017) (December 2017)

<u>Analysis of changes to Labour Force regional estimates (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6291.0.55.003Main%20Features2Feb%202014)</u> (February 2014)

#### LFS content and output

ABS Labour Statistics: A broad range of information (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features7Jul%202019) (July 2019)

500th issue of 6202.0 (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features6Jan%202018) (January 2018)

<u>Labour Force Survey pivot tables (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6291.0.55.001Main%20Features2Aug%202017)</u> (August 2017)

Expanded education data from the Labour Force Survey (https://www.abs.gov.au/ AUSSTATS/abs@.nsf/Lookup/6291.0.55.003Main%20Features3Aug%202016) (August 2016)

Change to Status in Employment output (https://www.abs.gov.au/AUSSTATS/abs@.nsf/ Previousproducts/6202.0Main%20Features5Jul%202015) (July 2015

Forthcoming improvements to the content of the Labour Force and Labour Supplementary. Surveys (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features3Jan%202013) (January 2013)

<u>Upcoming changes to the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Jul%202012)</u> (July 2012)

<u>Labour Household Surveys content review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features3Jun%202012)</u> (June 2012)

# Methodology

Improvement to the trending method for Labour Force rates and ratios (https://www.abs.gov.au/Ausstats/abs@.nsf/Lookup/6202.0Main%20Features5Oct%202019) (October 2019)

Assessing volatility in Labour Force statistics (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features6Jul%202019) (July 2019)

On-line collection in the Labour Force Survey (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0main+features10Apr%202019) (April 2019)

<u>Annual seasonal re-analysis (https://www.abs.gov.au/Ausstats/abs@.nsf/Lookup/6202.0Main%20Features5Mar%202019)</u> (March 2019)

Improvements to trend estimation (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/

6202.0Main%20Features7Mar%202018) (March 2018)

Major re-benchmarking of Labour Force series (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0.55.003Main%20Features2October%202017) (October 2017)

<u>Changes to filter lengths used in labour statistics (https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/6202.0Main%20Features6Feb%202017)</u> (February 2017)

<u>Update on recommendation 7 from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features4Nov%202015)</u> (November 2015)

<u>Progress with recommendations from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features4Jul%202015)</u> (July 2015)

<u>Update on recommendations 10 and 11 from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Previousproducts/6202.0Main%20Features4Jun%202015)</u> (June 2015)

<u>Update on recommendation 7 from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4May%202015)</u> (May 2015)

<u>Update on recommendations from the independent technical review (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features5Mar%202015)</u> (March 2015)

Rebenchmarking Labour Force estimates (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Feb%202015) (February 2015)

Independent technical review into the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Nov%202014) (November 2014)

Removing the effect of supplementary surveys from seasonally adjusted estimates (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Oct%202014) (October 2014)

Rebenchmarking Labour Force estimates to the 2011 Census (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features3Jan%202014) (January 2014)

New Labour Force sample design (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features5May%202013) (May 2013)

Transition to online collection of the Labour Force survey (https://www.abs.gov.au/ AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features4Apr%202013) (April 2013)

Rebenchmarking of Labour Force series (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Nov%202012) (November 2012)

<u>Population benchmarks and Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Apr%202012)</u> (April 2012)

Historical revisions (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Feb%202011) (February 2011)

Impact of the floods on the Labour Force Survey (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features2Jan%202011) (January 2011)

# Methodology

Labour Force, Australia methodology, April 2020